

# Minh Quan Duong

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46  
papers

498  
citations

12  
h-index

21  
g-index

60  
ext. papers

706  
ext. citations

2.8  
avg, IF

4.19  
L-index

#	Paper	IF	Citations
46	Pitch angle control using hybrid controller for all operating regions of SCIG wind turbine system. <i>Renewable Energy</i> , <b>2014</b> , 70, 197-203	8.1	86
45	Determination of Optimal Location and Sizing of Solar Photovoltaic Distribution Generation Units in Radial Distribution Systems. <i>Energies</i> , <b>2019</b> , 12, 174	3.1	67
44	Improving Transient Stability in a Grid-Connected Squirrel-Cage Induction Generator Wind Turbine System Using a Fuzzy Logic Controller. <i>Energies</i> , <b>2015</b> , 8, 6328-6349	3.1	40
43	A Comparative Study on Controllers for Improving Transient Stability of DFIG Wind Turbines During Large Disturbances. <i>Energies</i> , <b>2018</b> , 11, 480	3.1	29
42	Optimal Reactive Power Flow for Large-Scale Power Systems Using an Effective Metaheuristic Algorithm. <i>Journal of Electrical and Computer Engineering</i> , <b>2020</b> , 2020, 1-11	1.9	26
41	Hybrid model for hourly forecast of photovoltaic and wind power <b>2013</b> ,		23
40	Modified Differential Evolution Algorithm: A Novel Approach to Optimize the Operation of Hydrothermal Power Systems while Considering the Different Constraints and Valve Point Loading Effects. <i>Energies</i> , <b>2018</b> , 11, 540	3.1	18
39	Comparison of active crowbar protection schemes for DFIGs wind turbines <b>2014</b> ,		17
38	Models for Short-Term Wind Power Forecasting Based on Improved Artificial Neural Network Using Particle Swarm Optimization and Genetic Algorithms. <i>Energies</i> , <b>2020</b> , 13, 2873	3.1	15
37	Comparison of power quality in different grid-integrated wind turbines <b>2014</b> ,		14
36	Optimal operation of transmission power networks by using improved stochastic fractal search algorithm. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 9129-9164	4.8	14
35	Improving LVRT characteristics in variable-speed wind power generation by means of fuzzy logic <b>2014</b> ,		12
34	The impacts of distributed generation penetration into the power system <b>2017</b> ,		12
33	Improved LVRT based on coordination control of active crowbar and reactive power for doubly fed induction generators <b>2015</b> ,		9
32	Propose a MPPT Algorithm Based on Thevenin Equivalent Circuit for Improving Photovoltaic System Operation. <i>Frontiers in Energy Research</i> , <b>2020</b> , 8,	3.8	8
31	A Novel Social Spider Optimization Algorithm for Large-Scale Economic Load Dispatch Problem. <i>Energies</i> , <b>2019</b> , 12, 1075	3.1	7
30	Coordinated reactive power control of DFIG to improve LVRT characteristics of FSIG in wind turbine generation <b>2017</b> ,		7

29	Performance analysis of a 310Wp photovoltaic module based on single and double diode model <b>2016,</b>		7
28	A High-Performance Stochastic Fractal Search Algorithm for Optimal Generation Dispatch Problem. <i>Energies</i> , <b>2019</b> , 12, 1796	3.1	6
27	Coordination control of active crowbar for doubly fed induction generators <b>2014,</b>		6
26	Effects of bypass diode configurations on solar photovoltaic modules suffering from shading phenomenon <b>2017,</b>		5
25	Effect of component design on the DC/DC power converters dynamics <b>2017,</b>		5
24	An improved equilibrium optimizer for optimal placement of photovoltaic systems in radial distribution power networks. <i>Neural Computing and Applications</i> , <b>2022</b> , 34, 6119	4.8	5
23	Modeling and Performance Evaluation of a Fuzzy Logic Controller for Buck-Boost DC/DC Converters <b>2018,</b>		5
22	A Novel Algorithm for Optimal Operation of Hydrothermal Power Systems under Considering the Constraints in Transmission Networks. <i>Energies</i> , <b>2018</b> , 11, 188	3.1	4
21	Optimal bypass diode configuration for PV arrays under shading influence <b>2017,</b>		4
20	Small signal stability of power system with SCIG, DFIG wind turbines <b>2014,</b>		4
19	Impact of SCIG, DFIG wind power plant on IEEE 14 bus system with small signal stability assessment <b>2014,</b>		4
18	Simulation and performance analysis of a new LVRT and damping control scheme for DFIG wind turbines <b>2016,</b>		4
17	The Impact of 150MWp PhoAn Solar Photovoltaic Project into Vietnamese QuangNgai - Grid <b>2018,</b>		4
16	Building a Decision-Making Support Framework for Installing Solar Panels on Vertical Glazing Façades of the Building Based on the Life Cycle Assessment and Environmental Benefit Analysis. <i>Energies</i> , <b>2020</b> , 13, 2376	3.1	3
15	A hybrid Fuzzy-PI cascade controller for transient stability improvement in DFIG wind generators <b>2016,</b>		3
14	Efficiency analysis of a hybrid power system for a campus in Romania <b>2017,</b>		3
13	Hybrid controller for transient stability in wind generators <b>2015,</b>		3
12	Optimal Placement of Wind Power Plants in Transmission Power Networks by Applying an Effectively Proposed Metaheuristic Algorithm. <i>Mathematical Problems in Engineering</i> , <b>2021</b> , 2021, 1-20	1.1	3

11	High-performance coordination for accurate Matlab Simulink PV module simulator based on a two-diode model <b>2016,</b>		3
10	An Effective Method for Minimizing Electric Generation Costs of Thermal Systems with Complex Constraints and Large Scale. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3507	2.6	2
9	Influence of elemental parameter in the boost and the buck converter <b>2017,</b>		2
8	Chattering-Free Single-Phase Robustness Sliding Mode Controller for Mismatched Uncertain Interconnected Systems with Unknown Time-Varying Delays. <i>Energies</i> , <b>2020</b> , 13, 282	3.1	2
7	A Proposal for an MPPT Algorithm Based on the Fluctuations of the PV Output Power, Output Voltage, and Control Duty Cycle for Improving the Performance of PV Systems in Microgrid. <i>Energies</i> , <b>2020</b> , 13, 4326	3.1	2
6	<b>2019,</b>		1
5	Small and large signal stability analysis of IMPSA wind power plant integration on Vietnamese power system <b>2015,</b>		1
4	Design and simulation of PI-type control for the Buck Boost converter <b>2017,</b>		1
3	A Cost-Optimal Pathway to Integrate Renewable Energy into the Future Vietnamese Power System <b>2018,</b>		1
2	Performance Assessment of Low-pass Filters for Standalone Solar Power System <b>2018,</b>		1
1	An Effective Reactive Power Compensation Method and a Modern Metaheuristic Algorithm for Loss Reduction in Distribution Power Networks. <i>Complexity</i> , <b>2021</b> , 2021, 1-21	1.6	0